

CLAIMS

1. A page layout markup language, comprising:

a document definition referencing at least one section;

a section definition, contained within the document definition,
5 referencing at least one page;

a page definition, contained within the section definition, referencing at
least one region;

a region definition, contained within the page definition, to display
content; and

10 a link, contained within a syntax for the region definition, to associate a
first region to a second region and allow excess content to flow from the first
region to the second region.

2. The page layout markup language of claim 1, additionally

15 comprising:

a link, contained within a syntax for the page definition, to associate a
first page to a second page to allow excess content to flow from the first page
to the second page.

20 3. The page layout markup language of claim 2, additionally
comprising:

a link, contained within a syntax for the section definition, to associate a
first section to a second section to allow excess content to flow from the first
section to the second section.

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4. The page layout markup language of claim 1, additionally comprising:

resources, contained within the page layout markup language, to allow assignment of absolute values to margin parameters.

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5. The page layout markup language of claim 1, additionally comprising:

resources, contained within the page layout markup language, to allow assignment of relative values to margin parameters.

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6. The page layout markup language of claim 1, additionally comprising:

an element, contained within the document definition, to allow selection and rejection of duplex printing.

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7. The page layout markup language of claim 1, additionally comprising:

an element, contained within the document definition, to allow selection between landscape and portrait page orientation.

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8. The page layout markup language of claim 1, additionally comprising:

resources, contained within the region definition, to allow control over at least one image processing operator, selected from among: shrink-to-fit, maintain-aspect-ratio, and clip.

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9. A document, comprising:

a document definition;

a section definition contained within the document definition;

a page definition contained within the section definition;

5 a region definition contained within the page definition;

a link, contained within a syntax for the region definition, to associate a first region to a second region and allow content to flow between the first region and the second region;

10 a link, contained within a syntax for the page definition, to associate a first page to a second page and allow content to flow between the first page and the second page; and

a link, contained within a syntax for the section definition, to associate a first section to a second section and allow content to flow between the first section and the second section.

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10. A document type definition, comprising:

a document definition referencing at least one section;

a section definition, contained within the document definition, referencing at least one page;

20 a page definition, contained within the section definition, referencing at least one region;

a region definition, contained within the page definition, to display content; and

25 a link, contained within a syntax for the region definition, to associate a first region to a second region and allow content to flow between the first region and the second region;

a link, contained within a syntax for the page definition, to associate a first page to a second page and allow content to flow between the first page and the second page; and

- 5 a link, contained within a syntax for the section definition, to associate a first section to a second section and allow content to flow between the first section and the second section.

11. An interpreter, to process a document, wherein the document comprises:

- 10 a document definition referencing at least one section;

a section definition, contained within the document definition, referencing at least one page;

a page definition, contained within the section definition, referencing at least one region;

- 15 a region definition, contained within the page definition, to display content;

a link, contained within a syntax for the region definition, to associate a first region to a second region and allow content to flow between the first region and the second region;

- 20 a link, contained within a syntax for the page definition, to associate a first page to a second page and allow content to flow between the first page and the second page; and

- a link, contained within a syntax for the section definition, to associate a first section to a second section and allow content to flow between the first
25 section and the second section.

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12. The interpreter of claim 14, additionally comprising:
resources, contained within the region definition, to allow control over
at least one image processing operator, selected from among: shrink-to-fit,
maintain-aspect-ratio, and clip.

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13. A method, comprising:
defining a document definition referencing at least one section;
defining a section definition, contained within the document definition,
referencing at least one page;
10 defining a page definition, contained within the section definition,
referencing at least one region;
defining a region definition, contained within the page definition, to
display content;
linking a first region to a second region to allow excess content to flow
15 from the first region to the second region; and
linking a first page to a second page to allow excess content to flow
from the first page to the second page.

14. The method of claim 13, additionally comprising:
20 defining resources within the region definition, to allow control over at
least one image processing operator, selected from among: shrink-to-fit,
maintain-aspect-ratio, and clip.

15. A method of printing information, comprising:

defining layout information within a document definition;

linking a first region to a second region, both regions defined within the document definition, to allow content to flow between the first region and the

5 second region;

linking a first page to a second page, both pages defined within the document definition, to allow content to flow between the first page and the second page;

defining style information within a style file;

10 providing a source to deliver content; and

processing the document definition, style information and content to display a document.

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16. One or more processor-readable media having processor-readable instructions thereon which, when executed by one or more processors cause the one or more processors to:

define a document definition referencing at least one section;

5 define a section definition, contained within the document definition, referencing at least one page;

define a page definition, contained within the section definition, referencing at least one region;

10 define a region definition, contained within the page definition, to display content;

a link, contained within a syntax for the region definition, to associate a first region to a second region and allow content to flow between the first region and the second region;

15 a link, contained within a syntax for the page definition, to associate a first page to a second page and allow content to flow between the first page and the second page; and

a link, contained within a syntax for the section definition, to associate a first section to a second section and allow content to flow between the first section and the second section.

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17. The processor-readable media of claim 16, which additionally cause the one or more processors to:

define resources within the region definition, to allow control over at least one image processing operator, selected from among: shrink-to-fit,

25 maintain-aspect-ratio, and clip.

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